# **PATENT**

TA

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:	
Richard L. Marks	Group Art Unit: 2612
)	
)	Examiner: Unassigned
Application No.: 10/758,817 )	
)	Atty. Docket No. SONYP031
Filed: January 16, 2004	)
)	Date: January 21, 2005
For: METHOD AND APPARATUS FOR )	
OPTIMIZING CAPTURE DEVICE SETTINGS )	
THROUGH DEPTH INFORMATION )	

**CERTIFICATE OF MAILING** 

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on January 21, 2005.

Septiti

Sylvia Castillo

### INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§ 1.56 and 1.97. The Examiner is requested to consider these references and to acknowledge such consideration by initialing the appropriate location on the attached PTO Form 1449.

This Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This IDS is believed to be filed before the mailing date of a first Office Action. Accordingly, it is believed that no fees are due in connection with the filing of this IDS. However, if it is determined that any fees are due, then the Commissioner is hereby authorized to charge such fees to Deposit Account 50-0805 (Order No. SONYP031).

Respectfully submitted,

MARTINE, PENILLA & GENCARELLA, LLP

Michael L. Gencarella, Esq.

Reg. No. 44,703

710 Lakeway Drive, Suite 200 Sunnyvale, CA 94085 Telephone: (408) 774-6921 Customer Number 25920

### **U.S. Patent Documents**

Examiner Initials	Cite No.1	Document Number  Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
	Α	2003/0020718	1/30/03	MARSHALL et al.	
	В	5,534,917	7/9/96	MACDOUGALL	
	С	5,563,988	10/8/96	MAES et al.	
	D	5,649,021	7/15/97	MATEY et al.	
	E	5,768,415	6/16/98	JAGADISH et al.	
	F	5,917,936	6/29/99	KATTO	
	G	6,009,210	12/28/99	KANG	
	Н	6,014,167	1/11/00	SUITO et al.	
	1	6,061,055	5/9/00	MARKS	
	J	6,075,895	6/13/00	QIAO et al.	

**Foreign Patent Documents** 

Examiner Initial	Cite No. <sup>1</sup>	Foreign Patent Document No.  Country Code <sup>3</sup> -Number- <sup>4</sup> Kind Code <sup>5(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
	К	EP 0 823683 A1	02/11/98	Matsushita Electric Industrial Co., Ltd.		
	L					
	М					

#### **Non Patent Literature Documents**

Examiner Initial	Cite No.	Include name of author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	N	JOJIE et al., Tracking Self-Occluding Articulated Objects in Dense Disparity Maps, Computer Vision, 1999. The Proceedings of the Seventh IEEE International Conference on Kerkyra, Greece 20-27 Sept. 1999, Los Alamitos, CA, USA, IEEE Comput. Soc, US, 20 September 1999 (1999-09-20), pages 123-130
	0	"The Tracking Cube: A Three-Dimensional Input Device," IBM Technical Disclosure Bulletin, August 1, 1989, Page 91-95, Volume 32, No. 3B, IBM Corp. New York, US
	Р	

Examiner	Date	
Signature	Considered	

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

				Complete if Known			
Substitute fo	or form 1449/PTO			Application Number	10/758,817		
Ì				Filing Date	January 16, 2004		
1	NFORMATION [			First Named Inventor	Richard L. Marks		
	STATEMENT BY			Art Unit	2612		
	(Use as many sheet	s as neces	ssary)	Examiner Name	Unknown		
Sheet	2	2 of 2		Attorney Docket Number	SONYP031		

### **U.S. Patent Documents**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, where Relevant Passages or Relevant		
		Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Document	Figures Appear		
	Α	6,195,104	2/27/01	LYONS			
	В	6,243,491	6/5/01	ANDERRSON			
	С	6,346,929	2/12/02	FUKUSHIMA et al.			
	D	6,371,849	4/16/02	TOGAMI			
	E	6,394,897	5/28/02	TOGAMI			
	F	6,400,374	6/4/02	LANIER			
	G	6,411,744	6/25/02	EDWARDS			
	Н	6,441,825	8/27/02	PETERS			
	l	6,545,706	4/8/03	EDWARDS et al.			
	J						

**Foreign Patent Documents** 

Examiner Initial	Cite No. <sup>1</sup>	Foreign Patent Document No.  Country Code <sup>3</sup> -Number- <sup>4</sup> Kind Code <sup>5(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	Т <sup>6</sup>
	K					
	L				-	
	M					
	N					

# **Non Patent Literature Documents**

Examiner Initial	Cite No.	Include name of author (in CAPTIAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	0	
	Р	
	Q	
	R	

Examiner	Date	
Signature	Considered	

Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.